

Fig. 1

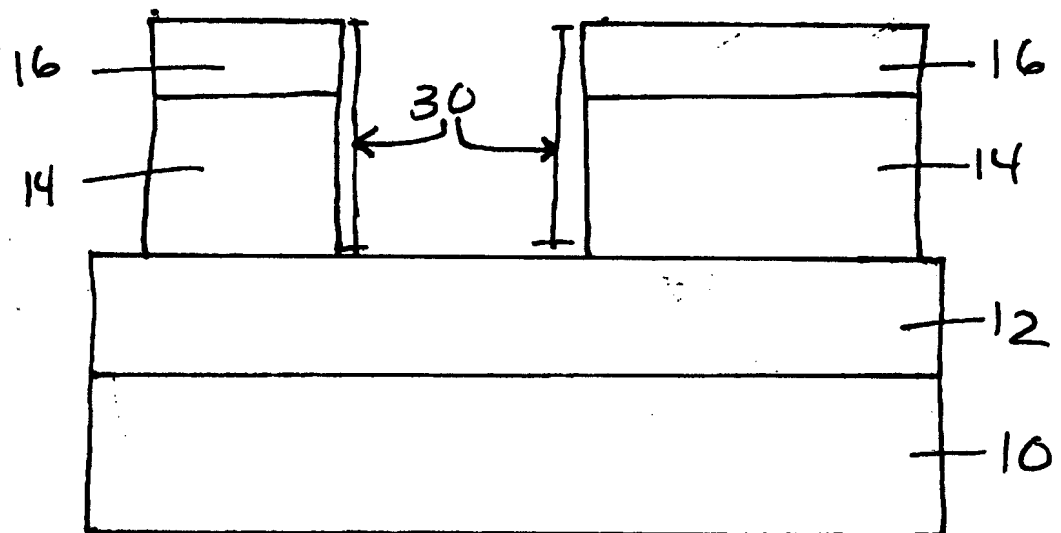


Fig. 2

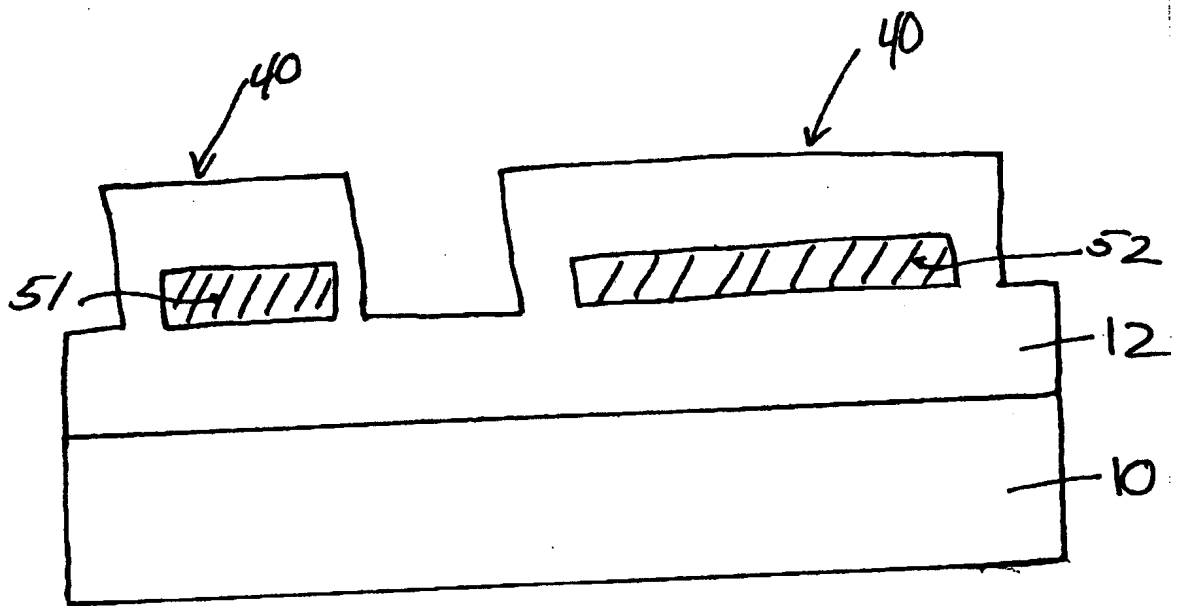
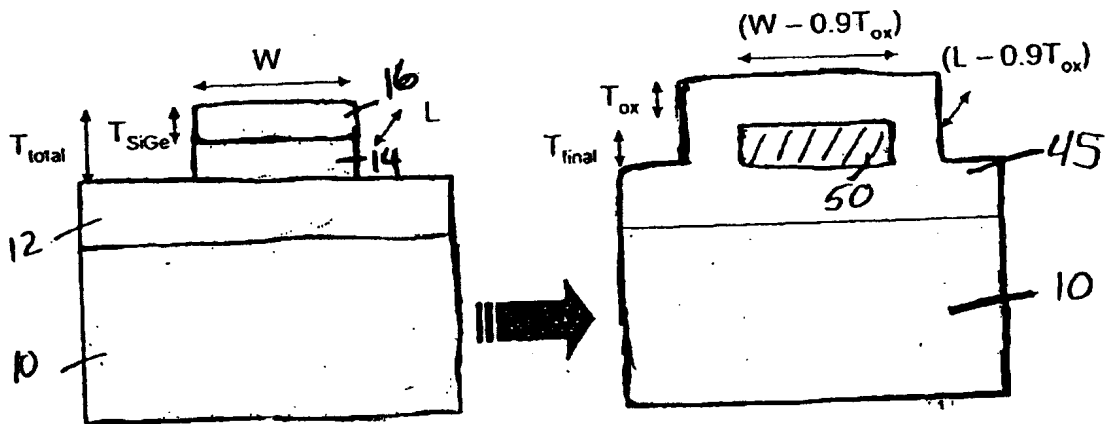


Fig. 3A



$$x_{SGOI} = \frac{(LWt_{SiGe}x_{SiGe})}{(L - 0.9t_{ox})(W - 0.9t_{ox})(t_{Total} - 0.45t_{ox})}$$

Fig. 3B

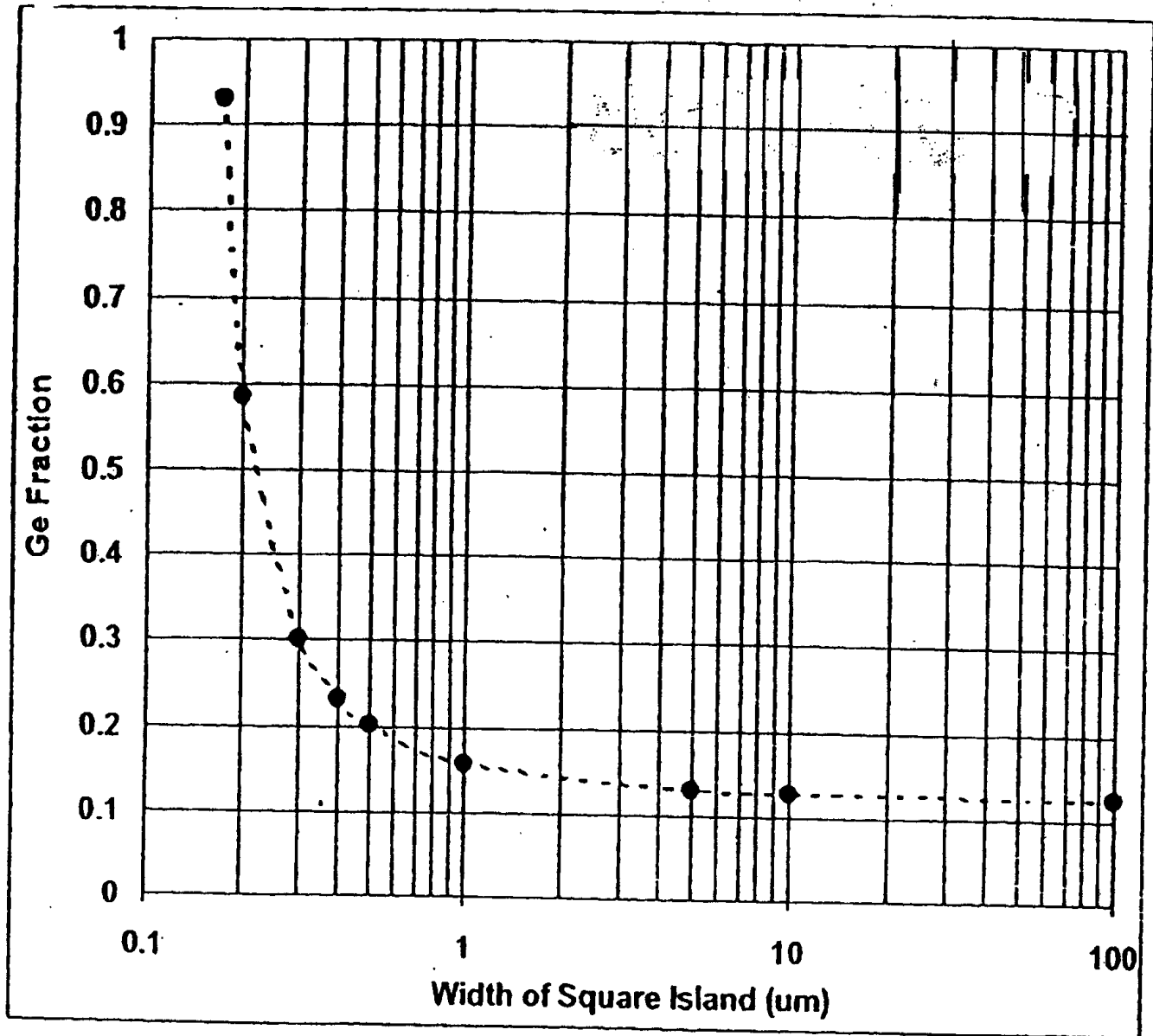


Fig. 4

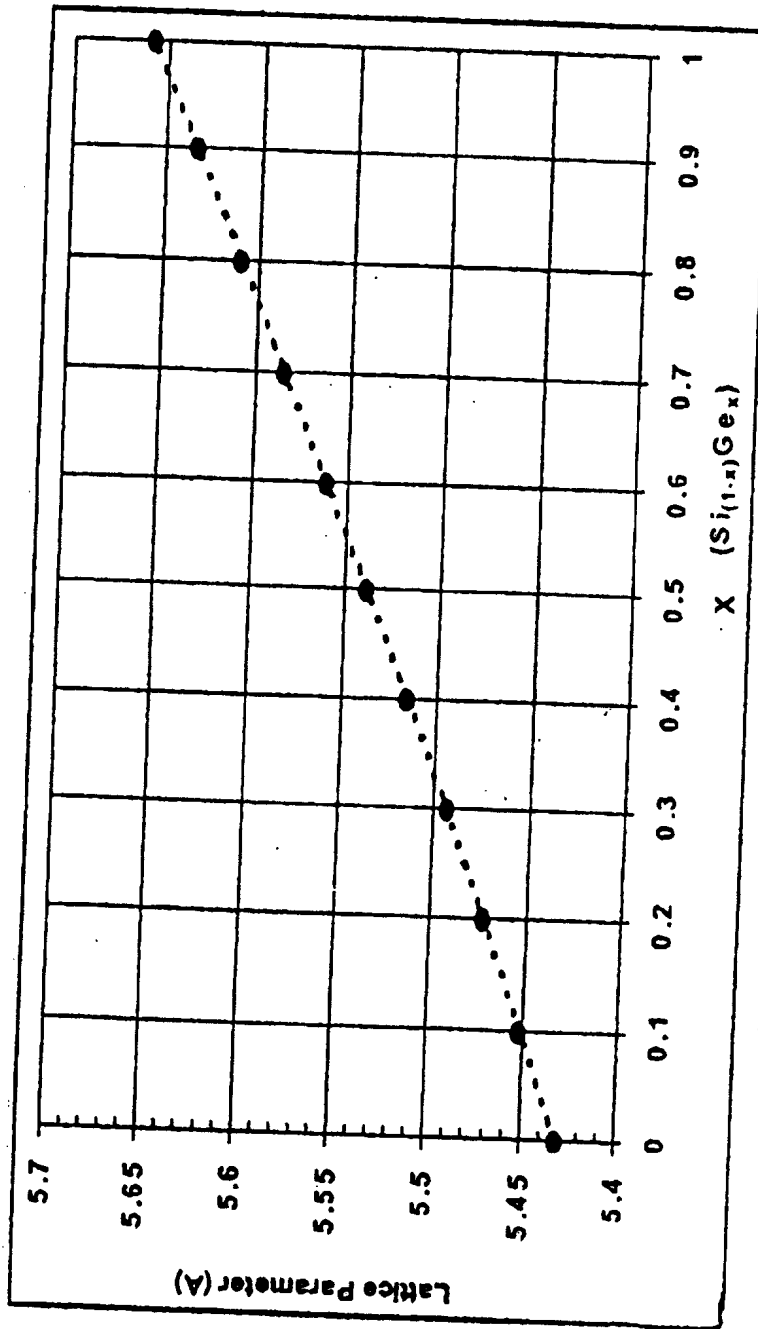


Fig. 5

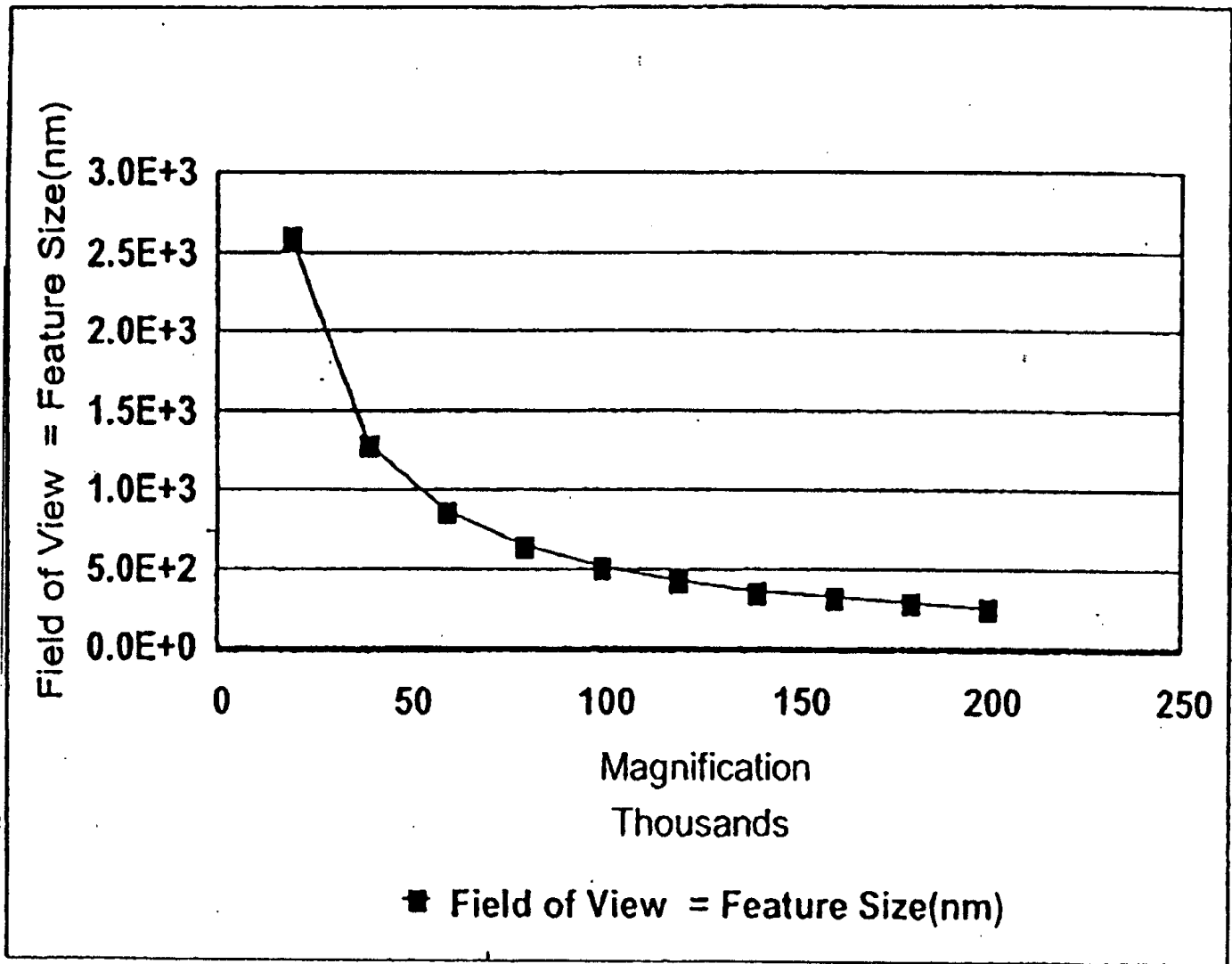


Fig. 6